



MD 550 IS CONSIDERED TO RUN IN A NORTH-SOUTH DIRECTION.

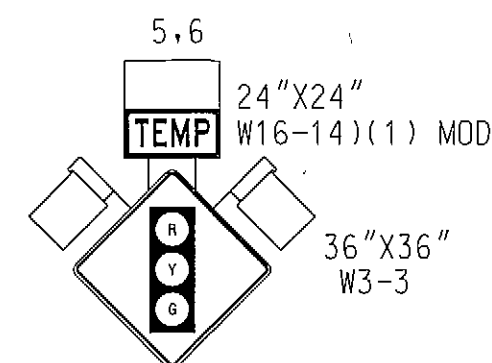
PROPOSED SIGNALS

1-4

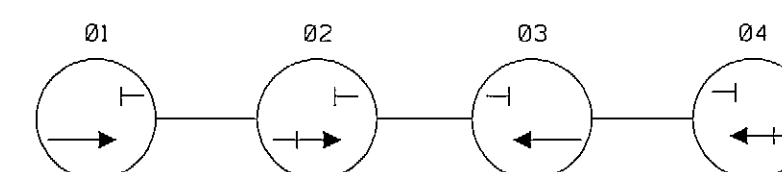
R
Y
G
12"

PROPOSED SIGNS

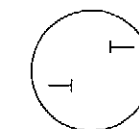
5,6



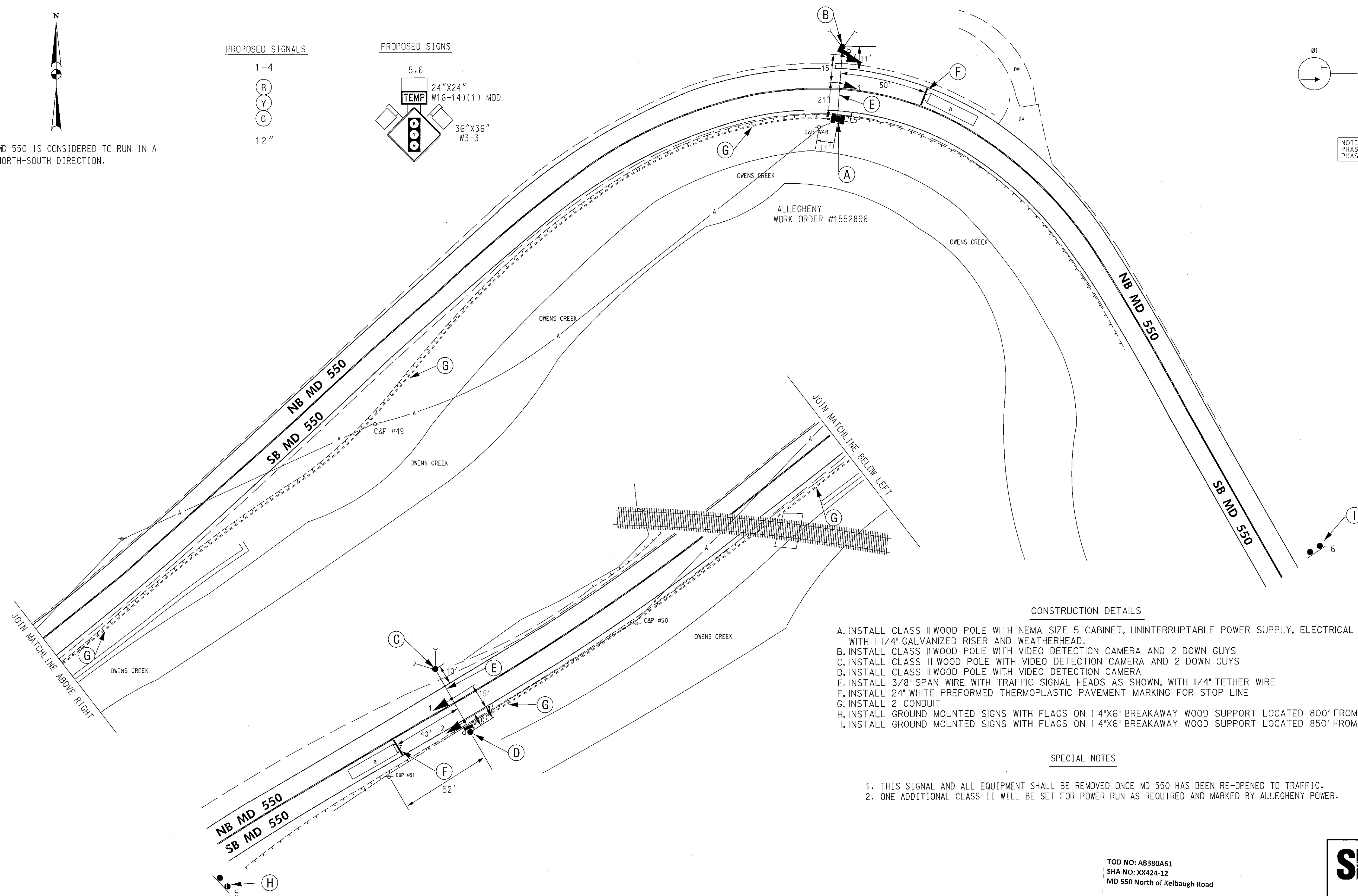
PHASING DIAGRAM



FLASHING OPERATION



NOTE: PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

- A. INSTALL CLASS II WOOD POLE WITH NEMA SIZE 5 CABINET, UNINTERRUPTABLE POWER SUPPLY, ELECTRICAL UTILITY SERVICE EQUIPMENT WITH 1 1/4" GALVANIZED RISER AND WEATHERHEAD.
B. INSTALL CLASS II WOOD POLE WITH VIDEO DETECTION CAMERA AND 2 DOWN GUYS
C. INSTALL CLASS II WOOD POLE WITH VIDEO DETECTION CAMERA AND 2 DOWN GUYS
D. INSTALL CLASS II WOOD POLE WITH VIDEO DETECTION CAMERA
E. INSTALL 3/8" SPAN WIRE WITH TRAFFIC SIGNAL HEADS AS SHOWN, WITH 1/4" TETHER WIRE
F. INSTALL 24" WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE
G. INSTALL 2" CONDUIT
H. INSTALL GROUND MOUNTED SIGNS WITH FLAGS ON 1 1/4"X6" BREAKAWAY WOOD SUPPORT LOCATED 800' FROM STOPLINE
I. INSTALL GROUND MOUNTED SIGNS WITH FLAGS ON 1 1/4"X6" BREAKAWAY WOOD SUPPORT LOCATED 850' FROM STOPLINE

SPECIAL NOTES

1. THIS SIGNAL AND ALL EQUIPMENT SHALL BE REMOVED ONCE MD 550 HAS BEEN RE-OPENED TO TRAFFIC.
2. ONE ADDITIONAL CLASS II WILL BE SET FOR POWER RUN AS REQUIRED AND MARKED BY ALLEGHENY POWER.

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

SD—SD— STORM DRAIN
G—G— GAS MAIN
W—W— WATER MAIN
S—S— SEWER MAIN
E—E— ELECTRIC CABLES
A—A— AERIAL CABLES
T—T— TELEPHONE CABLES
F—F— FIBER-OPTIC

TOD NO: AB380A61
SHA NO: XX424-12
MD 550 North of Kelbaugh Road



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 550 @ NORTH OF KELBAUGH RD
TEMPORARY SIGNAL

TRAFFIC SIGNALIZATION

SCALE 1" = 30' ADVERTISED DATE MAY 2011 CONTRACT NO. XX4245185

DESIGNED BY C. STRAIN COUNTY FREDERICK
DRAWN BY C. STRAIN LOGMILE 10055016.28
CHECKED BY D. DODA TMS NO. K947
F.A.P. NO. SEE TITLE SHEET TOD NO.

TS NO. 4792 DRAWING SG-1 OF 1 SHEET NO. 1 OF 2

APPROVALS	REVISIONS
TEAM LEADER 5-20-11	
5-20-11	
5-20-11	
5-20-11	
5-20-11	
5-20-11	

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